

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6622046".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:15
S2	1	"6615083".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:16
S3	1	"6607509".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:17
S4	1	"6564106".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:17
S5	1	"6522915".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:25
S6	1	"6512940".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:26
S7	1	"6438410".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:28
S8	1	"6280462".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:32
S9	1	"6148230".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:33
S10	1	"6055454".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:33
S11	22	("4782836"   "4905697"   "4926863"   "5101824"   "5441524"   "5514162"   "5755740").PN. OR ("6055454").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:40
S12	1	"6044298".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:41
S13	1	"5957956".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:46
S14	1	"5916243".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:46

## EAST Search History

S15	1	"5895414".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:48
S16	1	"5827326".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 18:48
S17	1	"5724984".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 19:15
S19	698	(seperat\$ discrim\$) with (impedance resistance) with amplif\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 17:52
S20	43	S19 and ("600" "607").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 19:21
S21	49	("5942957" "5300895" "6054705" "4535637" "5220207" "5268649" "5311353" "5831477" "5963047" "6094114" "4374363" "5218293" "5327020" "5383194" "5412335" "5528203" "5629645" "5668512" "6204715" "4327373" "4389583" "4405900" "4502017" "4513624" "4532436" "4578698" "4580188" "4594558" "4631495" "4789845" "4839894" "4860327" "5212456" "5216289" "5264744" "5300896" "5396555" "5457427" "5465419" "5515014" "5521531" "5526172" "5576646" "5703589" "5793222" "5889414" "5933264" "5936429" "5999056").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 19:25
S22	385	607/28.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 19:25
S23	19	("4141351"   "4263920"   "4291699"   "4355646"   "4617939"   "4721110"   "4733667"   "4884576"   "5201865"   "5501230"   "5685316"   "5749369"   "5791349"   "5824029"   "6208898"   "6278894"   "6393317").PN. OR ("6625487").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 19:32

## EAST Search History

S24	52	("3348548"   "3915174"   "4289134"   "4291699"   "4407296"   "4499907"   "4535774"   "4572206"   "4585004"   "4686987"   "4702253"   "4721110"   "4733667"   "4884576"   "4962767"   "5003976"   "5312440"   "5324327"   "5325870"   "5336253").PN. OR ("5824029").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 19:35
S25	62	("4596251"   "4686987"   "4702253"   "4722351"   "4781201"   "4858611"   "4901725"   "4966146"   "5027813"   "5063927"   "5074303"   "5085215"   "5137019"   "5156147"   "5190035"   "5197467"   "5201808"   "5235976"   "5249572"   "5271395"   "5273034"   "5284136"   "5303702"   "5318597"   "5379776"   "5391190"   "5423870"   "5441524"   "5507785"   "5524632"   "5562711"   "5562712"   "5626622"   "5800470"   "5817135"   "5817136"   "5824020"   "5824029").PN. OR ("6161042"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 19:36

## EAST Search History

S26	94	( "20030032991"   "20030105499"   "20030114891"   "20040049237"   "20040102908"   "20050004609"   "20050065443"   "20050096704"   "3593718"   "4291699"   "4510944"   "4519395"   "4596251"   "4686987"   "4702253"   "4722351"   "4773401"   "4781201"   "4827935"   "4830008"   "4858611"   "4901725"   "4930518"   "4960129"   "4966146"   "5014698"   "5063927"   "5074303"   "5137019"   "5156147"   "5179946"   "5197467"   "5201808"   "5249572"   "5269301"   "5271395"   "5273034"   "5284136"   "5300093"   "5303702"   "5318597"   "5341811"   "5379776"   "5391190"   "5423870"   "5441524"   "5469859"   "5507785"   "5522860"   "5524632"   "5531772"   "5540733"   "5562711"   "5562712"   "5626622"   "5626624"   "5685316"   "5718720"   "5722997"   "5755742"   "5792194"   "5792208"   "5800470"   "5817135"   "5817136"   "5824020"   "5824029"   "5836976"   "5921940"   "5935081"   "5987356"   "6015388"   "6021351"   "6022322"   "6026320"   "6044294"   "6073048"   "6076015"   "6135970"   "6161042"   "6358201"   "6370424"   "6415183"   "6449509"   "6459929"   "6463326"   "6480733"   "6522914"   "6529772"   "6561986"   "6647289"   "6868346"   "7062326"   "7101339").PN. OR ("7200440"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/09 19:37
S27	0	(seperat\$ discrim\$) with (impedance resistance) with amplif\$7 with (composite near signal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 17:51
S28	3	(seperat\$ discrim\$) with (impedance resistance) with (composite near signal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 17:53
S29	17002	(multiple many "two or more" "more than one" two three four) with (impedance resistance) with amplif\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 17:53

## EAST Search History

S30	4061	(seperat\$ discrim\$) with (impedance resistance)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 17:55
S31	393	S29 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 17:53
S32	2	S31 and implant\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 17:54
S33	364	S29 and ("600" "607").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 17:54
S34	58062	(seperat\$ discrim\$) with (signal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:48
S35	35	S33 and S34	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:00
S36	1	"5704365".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:00
S37	1	"5697953".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:01
S38	1	"5662688".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:01
S39	1	"5641326".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:02
S40	1	"5634938".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:09
S41	1	"5620466".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:09
S42	1	"5603732".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:10
S43	1	"5545202".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:39
S44	1	"5531779".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:45

## EAST Search History

S45	1	"5411031".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:45
S46	576	607/27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:47
S47	0	600/372.ccls/	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:47
S48	406	600/372.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:47
S49	255	600/519.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:48
S50	3622	600/508-519.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:48
S51	1141	S50 and impedance	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:48
S52	1	"5397342".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:48
S53	60	("4674518"   "4686987"   "5036849"   "5190035"   "5235976"   "5501702"   "5540727"   "5836976").PN. OR ("6278894"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:49
S54	99	("3131689"   "3320946"   "3851641"   "3949736"   "4291699"   "4303075"   "4458694"   "4587975").PN. OR ("4674518"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:54
S55	1	"5036894".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 18:54
S56	22	("3593718"   "4567892"   "4576183"   "4596251"   "4686987"   "4702253"   "4722342"   "4776338"   "4790318"   "4884576"   "4901725"   "4919136").PN. OR ("5036849").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 16:10
S57	77	saloin. and "607".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 16:20

## EAST Search History

S58	155	600/513.ccls. and impedance	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 16:28
S59	763	(seperat\$ discriminat\$) with impedance with signal	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 16:28
S60	75	S59 and ("600" "607").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 16:29
S61	21	("20020002389"   "4702253"   "5156147"   "5235976"   "5284136"   "5314449"   "5318597"   "5501702"   "5626624"   "5713933"   "5792194"   "5817136"   "5824019"   "5964788"   "6070100"   "6161042"   "6415183"   "6445951"   "6459929"   "6463326").PN. OR ("6684101"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 17:38
S62	26	S59 and (surface near (electrode electrical))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:04
S63	1	"5074303".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:04
S64	22	("4381786"   "4665919"   "4686987"   "4722351"   "4733667"   "4913145").PN. OR ("5074303"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:31
S65	707986	sample and hold amplifier	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:31
S66	1	"sample and hold amplifier"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:31
S67	40	("3721975"   "3846786"   "4535319"   "4763107"   "4893124"   "4908621").PN. OR ("5043732"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:42
S68	1348	sample near amplifier	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:42
S69	9	S68 and "607".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:47
S72	535	((attenuation scal\$3 weight\$3) near factor) with (impedance)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:56

## EAST Search History

S73	44	S72 and ("600" "607").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:52
S74	574	((attenuation scal\$3 weight\$3) near factor) with (impedance cardiac)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:56
S75	41	((attenuation scal\$3 weight\$3) near factor) with (impedance cardiac) with (ratio percentage)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:57
S76	1	((attenuation scal\$3 weight\$3) near factor) with (cardiac) with (ratio percentage)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:24
S77	0	((attenuation scal\$3 weight\$3) near factor) with (\$3cardi) with (ratio percentage)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 18:57
S78	1	((attenuation scal\$3 weight\$3) near factor) with (\$3cardi heart physiologic\$2) with (ratio percentage)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:00
S79	1122	((attenuation scal\$3 weight\$3) near factor) with (signal) with (ratio percentage)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:00
S80	43	S79 and ("600" "607").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:02
S81	30	( "6,622,046" "6,615,083" "6,607,509" "6,564,106" "6,522,915" "6,512,940" "6,438,410" "6,280,462" "6,148,230" "6,055,454" "6,044,298" "5,957,956" "5,916,243" "5,895,414" "5,827,326" "5,724,984" "5,704,365" "5,697,953" "5,662,688" "5,641,326" "5,634,938" "5,620,466" "5,603,732" "5,545,202" "5,531,779" "5,468,254" "5,441,518" "5,439,482" "5,411,539" "5,411,525").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:18
S82	182	causey.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:18
S83	33	S82 and ("607" "600").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:22



## EAST Search History

S84	30	("5,411,031" "5,397,342" "5,391,200" "5,388,578" "5,376,106" "5,372,606" "5,366,496" "5,360,442" "5,331,966" "5,314,459" "5,314,430" "5,313,953" "5,301,677" "5,300,106" "5,292,338" "5,284,136" "5,261,400" "5,230,337" "5,209,229" "5,203,348" "5,179,945" "5,170,784" "5,133,353" "5,036,849" "4,953,551" "4,562,841" "6,480,733" B1 "6,415,174" B1 "6,409,675" B1 "6,491,639" B1 2003/0212436 2003/0097153).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:23
S85	0	(2003/0088286 2003/0088283 2003/0088282 2003/0088281 2003/0088280 2003/0088279 2003/0088278 2003/0069609 2003/0045904 2003/0036778 2003/0023175 2003/0004552 "200310004546" 2002/0120299 2002/0107559 2002/0107549 2002/0107548 2002/0107547 2002/0107546 2002/0107545 2002/0107544 2002/0103510 2002/0095184 2002/0091414 2002/0082658 2002/0072773 2002/0068958 2002/0052636 2002/0049476 2002/0049475 2002/0042634 2002/0042630).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:24
S86	0	(2003/0088286 2003/0088283 2003/0088282 2003/0088281 2003/0088280 2003/0088279 2003/0088278 2003/0069609 2003/0045904 2003/0036778 2003/0023175 2003/0004552 "200310004546" 2002/0120299 2002/0107559 2002/0107549 2002/0107548 2002/0107547 2002/0107546 2002/0107545 2002/0107544 2002/0103510 2002/0095184 2002/0091414 2002/0082658 2002/0072773 2002/0068958 2002/0052636 2002/0049476 2002/0049475 2002/0042634 2002/0042630).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:24
S87	173	((attenuation scal\$3 weight\$3)) with (cardiac) with (ratio percentage)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:25
S88	9	S87 and "607".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/13 13:48